Transcend Multi-Card Reader

User’s Manual

Transcend

Exceeding Your Expectations

Table of Contents

Introduction 1

Features 1

System Requirements 1

Safety 2

Safety Precautions 2

General Use 2

Transferring Data 2

Reminders 2

Use with a Computer 3

Driver Installation 3

Driver Installation for Windows® 98/98SE, 2000 (SP1 and SP2) 3

Driver Installation for Windows® Me, 2000 (SP3, or later) and XP 4

Driver Installation for Mac™ OS 9.x 5

Driver Installation for Mac™ OS 10.1.2, or Later 5

Driver Installation for Linux™ Kernel 2.4, or Later 5

Connecting to a Computer 6

Disconnecting from a Computer 7

Removing the Multi-Card Reader in Windows® 98/98SE 7

Removing the Multi-Card Reader in Windows® Me, 2000 and XP 7

Removing the Multi-Card Reader in Mac™ OS 9.x, or Later 7

Remove the Multi-Card Reader in Linux™ Kernel 2.4, or Later 7

Troubleshooting 8

Specifications 9

Multi-Card Reader M1 Specifications 9

Portable Multi-Card Reader Specifications 10

Compact Card Reader Specifications 11

Compact Card Reader S1 Specifications 12

Warranty 13

Terminology 14

Introduction

Thank you for purchasing Transcend's **Multi-Card Reader**, a small device specifically designed for fast, easy data transfer and exchange using many different types of Memory Cards and without the need for an adapter. Transcend's Multi-Card Reader plugs into the USB port on your Desktop, or Notebook computer and accepts the direct input of the most popular Memory Cards (see "**Specifications**" for details) . In addition, Transcend's Multi-Card Reader also accepts the input of a large number of reduced sized memory cards when they are combined with their adapter. Transcend's Multi-Card Reader uses a Hi-Speed USB 2.0 connection for extremely fast data transfer speeds and its small compact design will enhance your Photo, Music and Data transfer experience.

Features

- Fully Compliant with the Hi-Speed USB 2.0 specification
- Supports many different types of Memory Cards, please see "**Specifications**" for details
- Hi-Speed Data transfer rates up to 480Mbit/sec
- USB powered (no external power or battery needed)

System Requirements

Desktop or notebook computer with a working USB port.

One of the following Operating Systems (OS):

- Windows® 98/98SE
- Windows® Me
- Windows® 2000
- Windows® XP
- Mac™ OS 9.x, or later
- Linux™ Kernel 2.4, or later

Safety Precautions

These usage and safety guidelines are **IMPORTANT!** Please follow them carefully.

General Use

- Carefully unpack the contents of the **Multi-Card Reader** package.
- Do not allow your **Multi-Card Reader** to become damp or wet from water or any other liquids.
- Do not use a damp/wet cloth to wipe or clean the exterior case.
- Do not use or store your **Multi-Card Reader** in any of the listed environments:
    - Direct sunlight
    - Next to an air conditioner, electric heater, or other heat sources
    - In a closed car that is in direct sunlight

Transferring Data

- **Transcend does NOT take any responsibility for data loss, or damage during operation.**

Reminders

- Follow the procedures in the "**Disconnecting from a Computer**" section to remove your Multi-Card Reader from a computer.

To avoid damage to your Reader and Memory Cards. Do NOT attempt to insert two Memory cards into your Multi-Card Reader at the same time.

Driver Installation

Driver Installation for Windows® 98/98SE, 2000 (SP1 and SP2)

1. Put the Driver CD into the CD-ROM (Auto-Run supported). Click on the **"Driver Installation"** button.

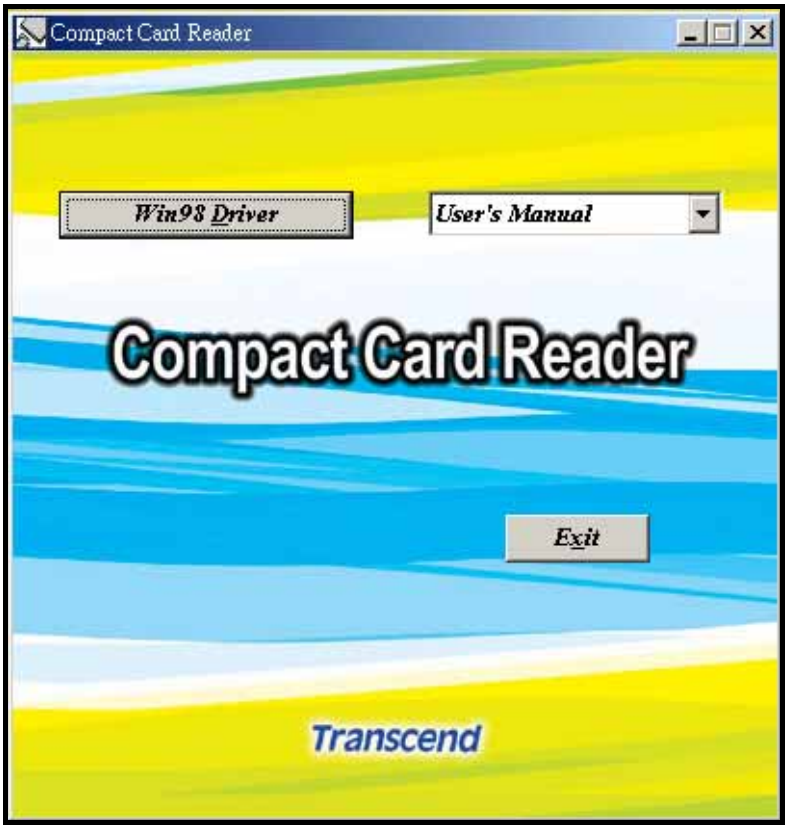

Figure 1. Windows 98/98SE/2000 (SP1 & SP2) Driver Installation

2. The InstallShield Wizard will guide you through the installation process. Follow the on-screen instructions to complete the driver installation.

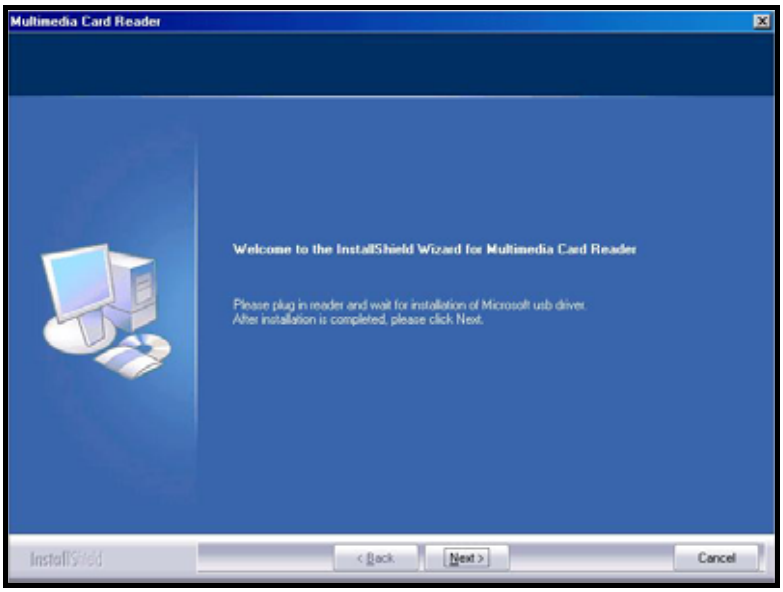
Multimedia Card Reader
Welcome to the InstallShield Wizard for Multimedia Card Reader
Please plug in reader and wait for installation of Microsoft usb driver.
After installation is completed, please click Next.
InstallShield
< Back
Next >
Cancel

Figure 2. Driver Installation InstallShield Wizard

3. After the drivers are installed onto the computer, plug the **Multi-Card Reader** into an available USB port, the **"New Hardware Found"** dialogue boxes will appear.

New Hardware Found
USB Storage Drive
Windows is installing the software for your new hardware.
New Hardware Found
USB Mass Storage Device
Windows is installing the software for your new hardware.

Figure 3. Found New Hardware

4. The computer will automatically detect the **Multi-Card Reader** and a number of **Removable Disk*** drives with newly assigned drive letters representing the readers' card slots will appear in the **My Computer** window.

Figure 4. *F: is an example drive letter, the letter in your "My Computer" window may differ

Driver Installation for Windows® Me, 2000 (SP3, or later) and XP

No drivers are required. These Windows® Operating Systems have built-in drivers to support the **Multi-Card Reader**. Plug your **Multi-Card Reader** into an available USB port and Windows® will install the necessary files. A number of **Removable Disk** drives with newly assigned drive letters representing the readers' card slots will appear in the **My Computer** window.

Driver Installation for Mac™ OS 9.x

1. Put the Driver CD into the CD-ROM drive and run the **Install** program located in the **Mac** folder on the Driver CD. Follow the on-screen instructions to complete the driver installation.
2. Plug the **Multi-Card Reader** into an available USB port.
3. Insert a memory card into the **Multi-Card Reader**. A disk icon will appear on the desktop. After the icon appears you can use the memory card as if it were a Hard Disk on your Mac™.

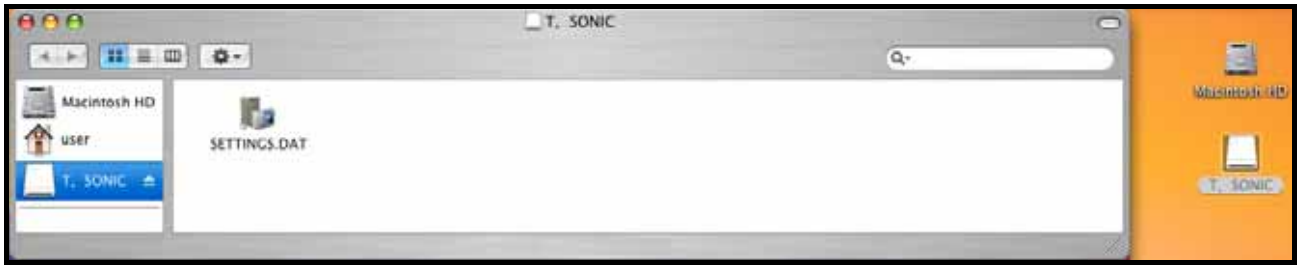

Figure 5. Mac Driver Installation

Driver Installation for Mac™ OS 10.1.2, or Later

No drivers are required. Plug your **Multi-Card Reader** into an available USB port and your computer will automatically detect it.

Figure 6. Mac Driver Installation

Driver Installation for Linux™ Kernel 2.4, or Later

No drivers are required. Plug your **Multi-Card Reader** into a USB port and mount it.

1. First create a directory for the **CardReader**

   Example: **mkdir /mnt/CardReader**

2. Then, mount the **CardReader**:

   Example: **mount –a –t msdos /dev/sda1 /mnt/CardReader**

NEVER Remove a Flash Memory Card from the Multi-Card Reader without first Unmounting the device.

Connecting to a Computer

If your Multi-Card Reader is connected to a computer using a Mini USB (on the Reader) to USB A-Type (on a Desktop/Notebook) cable. Please ensure that you connect the cable ends to the ports correctly.

1. If your **Multi-Card Reader** came with a Mini USB to USB A-Type cable, use it to plug the **Multi-Card Reader** into an available USB port on your desktop, or notebook computer.

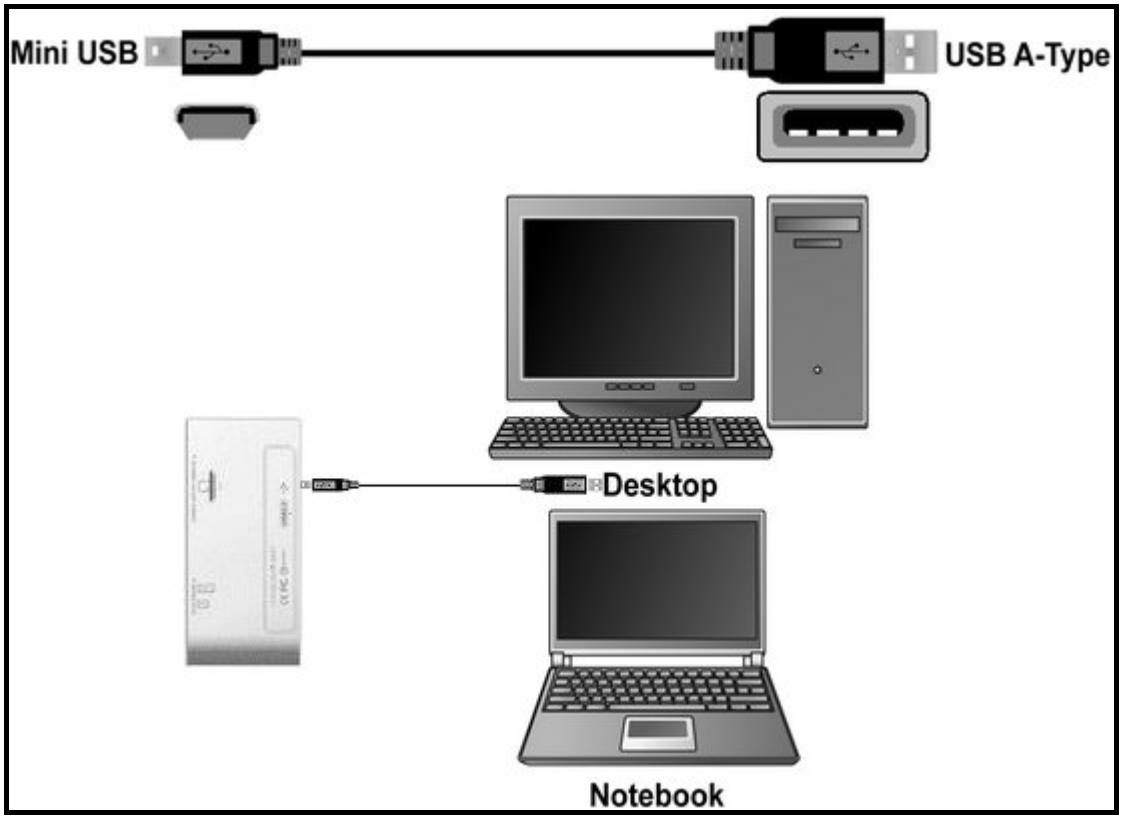

Figure 7. Connecting to a Computer

2. If your **Multi-Card Reader** has a USB connector, then it can be plugged directly into an available USB port on your desktop, or notebook computer.

Disconnecting from a Computer

NEVER disconnect the Multi-Card Reader from a computer when the Multi-Card Reader is in the *READ/WRITE* status, or your data may be damaged.

Removing the Multi-Card Reader in Windows® 98/98SE

Unplug your **Multi-Card Reader** from your system directly when data is not transferring.

Removing the Multi-Card Reader in Windows® Me, 2000 and XP

1. Select the **Hardware** icon on the system tray.
2. The **Safely Remove Hardware** pop-up window will appear. Select it to continue.

Figure 8. Safely Remove Hardware

3. A window will appear stating, **"The 'USB Mass Storage Device' device can now be safely removed from the system."**

Figure 9. Safe to Remove Hardware

WARNING! To prevent data loss, always use this procedure to remove the Multi-Card Reader from Windows™ Me, 2000 and XP.

Removing the Multi-Card Reader in Mac™ OS 9.x, or Later

Drag and drop the Disk icon corresponding to your **Multi-Card Reader** into the trashcan. Then unplug your **Multi-Card Reader** from the USB port.

Remove the Multi-Card Reader in Linux™ Kernel 2.4, or Later

Execute **umount /mnt/ CardReader** to un-mount the device. Then unplug your **Multi-Card Reader** from the USB port.

Troubleshooting

If a problem occurs with your **Multi-Card Reader**, please first check the information listed below before taking your **Multi-Card Reader** for repair. If you are unable to remedy a problem from the following hints, please consult your dealer, service center, or local Transcend branch office. We also have FAQ and Support services on our websites.

Driver CD cannot auto-run in Windows®

Go to the **Device Manager** in the **Control Panel** and enable the **Auto-Insert** function for the CD-ROM drive.

Operating system cannot detect the Multi-Card Reader

Check the following:

1. Is your **Multi-Card Reader** properly connected to the USB port? If not, unplug it and plug it in again.
2. Is your **Multi-Card Reader** connected to the Mac keyboard? If yes, unplug it and plug it into an available USB port on your Mac Desktop.
3. Is the USB port enabled? If not, refer to the user's manual of your computer (or motherboard) to enable it.
4. Is the necessary driver installed? If your computer is using Windows® 98/98SE, 2000 (SP1/SP2), or Mac™ OS 9.x you must insert the Driver CD into the CD-ROM and refer to the "**Driver Installation for Windows® 98/98SE, 2000 (SP1 and SP2)**", or "**Driver Installation for Mac™ OS 9.x**" section to complete the driver installation before using your **Multi-Card Reader**. A driver is not required for Windows® ME/2000 (SP3, or later)/XP, Mac™ OS 10.1.2, or later and Linux™ Kernel 2.4, or later.

Cannot find the file that was just copied using the Multi-Card Reader

You should always open a transferred file in its new location to ensure it transferred successfully. Re-copy the file and refer to the "**Disconnecting from a Computer**" section to remove the Reader after the copying process is completed.

A File that was just deleted still appears

Re-delete the file and refer to the "**Disconnecting from a Computer**" section to remove the Reader after the delete process is completed.

Multi-Card Reader M1 Specifications

• **Size (L x W x H):**	64 mm × 33 mm × 12 mm
• **Weight:**	20g
• **Max. Transfer Speed:**	480Mbits (60MB) per second
• **Operating Voltage:**	5V DC from USB Port
• **Operating Temperature:**	0℃ (32℉) to 70℃ (158℉)
• **Storage Temperature:**	-40℃ (-40℉) to 90℃ (185℉)
• **LEDs:**	1
• **Certificates:**	CE, FCC Class B, BSMI

Memory Cards	
Secure Digital (SD™):	Secure Digital (SD™), miniSD™
MultiMediaCard (MMC™):	MMC™, MMCplus™, RS-MMC, MMCmobile™
Memory Stick® (MS):	Memory Stick® (MS), Memory Stick PRO®, Memory Stick Duo®, Memory Stick PRO Duo®, Memory Stick MagicGate™, Memory Stick MagicGate Duo™, Memory Stick PRO® (High Speed), Memory Stick PRO Duo® (High Speed)
Memory Cards w/Adapter	
Secure Digital (SD™):	microSD™/TransFlash™
MultiMediaCard (MMC™):	MMCmicro™

Ordering Information

Device Description	***Transcend P/N***
Transcend Multi-Card Reader M1	TS-RDM1

Portable Multi-Card Reader Specifications

• **Size (L x W x H):**	70 mm × 70 mm × 15 mm
• **Weight:**	45g
• **Max. Transfer Speed:**	480Mbits (60MB) per second
• **Operating Voltage:**	5V DC from USB Port
• **Operating Temperature:**	0℃ (32℉) to 70℃ (158℉)
• **Storage Temperature:**	-40℃ (-40℉) to 90℃ (185℉)
• **LEDs:**	1
• **Certificates:**	CE, FCC Class B, BSMI

Memory Cards	
CompactFlash® (CF):	CompactFlash® (CF) Type I/II, Microdrive
Secure Digital (SD™):	Secure Digital (SD™), miniSD™
MultiMediaCard (MMC™):	MMC™, MMCplus™
Memory Stick® (MS):	Memory Stick® (MS), Memory Stick PRO®, Memory Stick Duo®, Memory Stick PRO Duo®, Memory Stick MagicGate™, Memory Stick MagicGate Duo™, Memory Stick PRO® (High Speed), Memory Stick PRO Duo® (High Speed)
xD-Picture Card™	xD-Picture Card™ (M-Type, H-Type)
Memory Cards w/Adapter	
Secure Digital (SD™):	microSD™/TransFlash™
MultiMediaCard (MMC™):	RS-MMC, MMCmobile™, MMCmicro™

Ordering Information

Device Description	***Transcend P/N***
Transcend Portable Multi-Card Reader Blue	TS-RD13B
Transcend Portable Multi-Card Reader Orange	TS-RD13R
Transcend Portable Multi-Card Reader Silver	TS-RD13S

Compact Card Reader Specifications

• **Size (L x W x H):**	70.6 mm × 40.6 mm × 12.9 mm
• **Weight:**	20g
• **Max. Transfer Speed:**	480Mbits (60MB) per second
• **Operating Voltage:**	5V DC from USB Port
• **Operating Temperature:**	0℃ (32℉) to 60℃ (140℉)
• **Storage Temperature:**	-40℃ (-40℉) to 60℃ (140℉)
• **LEDs:**	1
• **Certificates:**	CE, FCC Class B, BSMI

Memory Cards	
Secure Digital (SD™):	Secure Digital (SD™)
MultiMediaCard (MMC™):	MMC™, MMCplus™
Memory Stick® (MS):	Memory Stick® (MS), Memory Stick PRO®
Memory Cards w/Adapter	
Secure Digital (SD™):	miniSD™, microSD™/TransFlash™
MultiMediaCard (MMC™):	RS-MMC, MMCmobile™, MMCmicro™
Memory Stick® (MS):	Memory Stick Duo®, Memory Stick PRO Duo®

Ordering Information

Device Description	***Transcend P/N***
Transcend Compact Card Reader	TS-RDC

Compact Card Reader S1 Specifications

• **Size (L x W x H):**	69 mm × 35 mm × 15 mm
• **Weight:**	20g
• **Max. Transfer Speed:**	480Mbits (60MB) per second
• **Operating Voltage:**	5V DC from USB Port
• **Operating Temperature:**	0℃ (32℉) to 70℃ (158℉)
• **Storage Temperature:**	-40℃ (-40℉) to 90℃ (185℉)
• **Certificates:**	CE, FCC Class B, BSMI

Memory Cards	
Secure Digital (SD™):	Secure Digital (SD™), miniSD™
MultiMediaCard (MMC™):	MMC™, MMCplus™, RS-MMC, MMCmobile™
Memory Cards w/Adapter	
Secure Digital (SD™):	microSD™/TransFlash™
MultiMediaCard (MMC™):	MMCmicro™

Ordering Information

Device Description	***Transcend P/N***
Transcend Compact Card Reader S1	TS-RDS1

Transcend Limited Warranty

“Above and Beyond” is the standard we set ourselves for customer service at Transcend. We consistently position ourselves to be significantly above the industry norm, which is all part of our commitment to Customer Satisfaction.

All **Transcend information, Inc. (Transcend)** products are warranted and tested to be free from defects in material and workmanship and to conform to the published specifications. During the warranty period should your Transcend **Multi-Card Reader** fail under normal use in the recommended environment due to improper workmanship or materials, Transcend will repair the product or replace it with a comparable one. This warranty is subject to the conditions and limitations set forth herein.

Duration of Warranty: The Transcend **Multi-Card Reader** is covered by this warranty for a period of two (2) years from the date of purchase. Proof of purchase including the date of purchase is required to collect on the warranty. Transcend will inspect the product and decide whether to repair or replace it. Transcend reserves the right to provide a functional equivalent product, or a refurbished replacement product.

Limitations: This warranty does not apply to product failure caused by accidents, abuse, mishandling, improper installation, alteration, acts of nature, improper usage, or problems with electrical power. In addition, opening or tampering with the product casing, or any physical damage, abuse or alteration to the product’s surface, including all warranty or quality stickers, product serial or electronic numbers will also void the product warranty. Transcend is not responsible for recovering any data lost due to the failure of a hard drive or flash memory device. Transcend’s **Multi-Card Reader** must be used with devices that conform to the recommended industry standards. Transcend will not be liable for damages resulting from a third party device that causes the Transcend **Multi-Card Reader** to fail. Transcend shall in no event be liable for any consequential, indirect, or incidental damages, lost profits, lost business investments, lost goodwill, or interference with business relationships as a result of lost data. Transcend is also not responsible for damage or failure of any third party equipment, even if Transcend has been advised of the possibility. This limitation does not apply to the extent that it is illegal or unenforceable under applicable law.

Disclaimer: The foregoing limited warranty is exclusive. There are no other warranties, including any implied warranty of merchantability or fitness for a particular purpose. This warranty is not affected in any part by Transcend providing technical support or advice.

Online Registration: To expedite the warranty service, please register your Transcend Product within 30 days of purchase.

Register online at http://www.transcendusa.com/registration

❖ The specifications mentioned above are subject to change without notice.

Transcend
Exceeding Your Expectations

Transcend Information, Inc.

www.transcendusa.com

*The Transcend logo is a registered trademark of Transcend Information, Inc.

*All logos and marks are trademarks of their respective companies.

Terminology

adapter **3**

Device that is used to connect one hardware device to another without a loss in function.

CD-ROM **5, 7, 10**

Compact Disk-Read Only Memory is a compact disk format that can store music, text and graphics.

Desktop **10**

This is a single user stationary computer running the Window®, Mac™, or Linux™ Operating System.

Driver **5, 6, 7, 10**

A software program that allows a hardware device to communicate with a computer operating system.

FAQ **10**

Frequently Asked Question.

Flash **7**

A rewritable type of solid-state memory storage.

LEDs **11, 12, 13**

Light-Emitting Diodes emit a visible light when an electric current is passed through them.

Linux **3, 7, 9, 10**

An open source computer Operating System.

Mac **3, 7, 9, 10**

MACintosh is a computer operating system used in Apple computers.

Mbit/sec **3**

Megabit per second is a measurement of the speed of data transfer.

USB **10**

Universal Serial Bus is a hardware interface found on all modern computers for connecting peripherals.

USB 2.0 ..... **3**

Hi-Speed Data Transfer rate of 480Mbit/sec.

USB port **3, 6, 7, 8, 9**

This is the interface on a computer to which a USB device is connected.

Windows **3, 5, 6, 9, 10**

Computer Operating System developed by Microsoft.

Wizard **5**

A computer program that guides a user through a procedure for setting up a new application, or device.